		'IB2004/052738			
a. classi IPC 7	FICATION OF SUBJECT MATTER A61C17/22 F16K15/14				
wallpay to	2 A Complete Companies (IDC) and a bath national election	· · · · · · · · · · · · · · · · · · ·			
	o International Patent Classification (IPC) or to both national classific	ation and IPU			
	SEARCHED ocumentation searched (classification system followed by classification)	on symbols)			
	F16K A61C	on symbolo,			
Documental	tion searched other than minimum documentation to the extent that s	uch documents are included	in the fields searched		
Electronic d	ata base consulted during the international search (name of data ba	se and, where practical, sear	ch terms used)		
EPO-In	ternal, PAJ, WPI Data		·		
C. DOCUM	ENTS CONSIDERED TO BE RELEVANT				
Category °	Citation of document, with indication, where appropriate, of the re	Relevant to daim No.			
X	US 2003/201023 A1 (BARINAGA LOUI: 30 October 2003 (2003-10-30) paragraph '0037! - paragraph '00: figures 11,12	1-9			
A	US 2002/090252 A1 (HALL SCOTT E   11 July 2002 (2002-07-11) abstract; figures 5,6,8	1-9			
A	US 6 648 641 B1 (VILTRO LOUIS JO 18 November 2003 (2003-11-18) abstract; figures 5,6	1-9			
A	US 2002/108193 A1 (GRUBER PAUL) 15 August 2002 (2002-08-15) abstract; figure 2		1-9		
Furt	ther documents are listed in the continuation of box C.	X Patent family memb	bers are listed in annex.		
"A" document defining the general state of the art which is not considered to be of particular relevance  "E" earlier document but published on or after the international filling date  "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another  "Y" document "Y" document of particular cannot be considered involve an inventive which is cited to establish the publication date of another			dished after the international filing date d not in conflict with the application but d the principle or theory underlying the ular relevance; the claimed invention ered novel or cannot be considered to ve step when the document is taken alone ular relevance; the claimed invention		
*O* docum other *P* docum	on or other special reason (as specified)  lent referring to an oral disclosure, use, exhibition or means  ent published prior to the international filing date but han the priority date claimed	cannot be considered t document is combined	to involve an inventive step when the with one or more other such docu- on being obvious to a person skilled		
	actual completion of the international search	.,	itemational search report		
2	26 January 2005	07/02/2009	5		
Name and	mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2	Authorized officer			
	NL – 2280 HV Rijswijk Tel. (+31-70) 340–2040, Tx. 31 651 epo nl, Fax: (+31-70) 340–3016	Awad, P			

## REST AVAILABLE COP

## INTERNATIONAL SEARCH REPURT

Information on patent family members

International Application No IB2004/052738

Patent document cited in search report		Publication date		Patent family member(s)	:	Publication date
US 2003201023	A1	30-10-2003	NONE			<del></del>
US 2002090252	A1	11-07-2002	US	2002044817		18-04-2002
			AU	2495700	Α	01-08-2000
			CN	1351483		29-05-2002
			ΕP	1143876	A1	17-10-2001
			JP		Ţ	15-10-2002
			WO	0041645		20-07-2000
			US	6220772		24-04-2001
			US	2004062591		01-04-2004
			US	2002081138	A1 	27-06-2002
US 6648641	B1	18-11-2003	AU	3044402		03-06-2002
			AU	5326501		03-06-2002
			CA	2424268		30-05-2002
			CA	2424445		30-05-2002
			CN		Ţ	11-02-2004
			CN	1476314		18-02-2004
			EP	1335678		20-08-2003
			EP	1335679		20-08-2003
			JP		<u>T</u> .	10-06-2004
			JP		T	13-05-2004
			MX MX	PA03004504		05-09-2003
			TW	PA03004505 514516		05-09-2003
			WO	0241801		21-12-2002 30-05-2002
			WO	0241801		30-05-2002
			US	2003194678		16-10-2003
US 2002108193	A1	 15-08-2002	CN	1457289	 Т	19-11-2003
			EP	1379194		14-01-2004
			ĒΡ	1363760		26-11-2003
			WO	02064056		22-08-2002
		•	WO	02064328	A1	22-08-2002
			JP	2004518485	T	24-06-2004
			JP	2004518490		24-06-2004
			US	2003037447	A1	27-02-2003